

--EcoRI digest of purified *X. laevis* ribosomal DNA analyzed by electrophoresis on 1% agarose gel. DNA was transferred to a cellulose nitrate strip, which was then cut longitudinally in two. The left-hand side was hybridized to 18 S RNA and the right-hand side to 28 S RNA (spec. act. of RNAs, 1.5×10^6 c.p.m. per μ g). Hybridization was done in 1xSSC at 65°C using the vessel shown in Fig. 3. A large excess of cold 28 S RNA was added to the labeled 18 S RNA to compete out any 28 S contamination. After hybridization, the strips were washed in 1 x SSC at 65°C for 1-5 h, and dried. They were then dipped through a solution of PPO in toluene (20%, w/v) dried in air and placed against Kodak RP Royal X-ray film at -70°C for 2 months--

Page 6, line 32, replace "ATCC, Bethesda, MD" with -- American Type Culture Collection, 10801 University Boulevard, Manassas, VA, 20110-2209 --;

line 33, before "and" insert -- May 26, 1993 --; and
after "No." insert -- HB 11365 --.

Page 7, line 11, replace "ATCC, Bethesda, MD" with -- American Type Culture Collection, 10801 University Boulevard, Manassas, VA 20110-2209 --;

line 11, after "on" insert -- May 26, 1993 --;
line 12, after "Nos." insert -- HB 11367 --; and
line 12, after "and" (second occurrence) insert -- HB-11366 --.

Page 8, line 20, after "This sequence" insert -- (SEQ ID NO:3) --; and

line 23, after "EEVEEVP" insert -- (SEQ ID NO:4) --.

Page 9, lines 21-22, replace "ATCC, Bethesda, MD." with -- American Type Culture Collection, 10801 University Boulevard, Manassas, VA 20110-2209

--;

line 22, after "on" insert -- May 26, 1993 --; and

line 22, after "No." insert -- 69318 --.

In the Abstract:

Line 3, after "directed to" insert -- polynucleotides encoding --.

In the Claims:

Cancel claims 1-21. Please add the following claims:

a4
22. An isolated and purified nucleic acid hybridizable to
polynucleotide of SEQ ID NO. 1, under stringent conditions.

23. The isolated and purified nucleic acid of claim 22, wherein said
stringent conditions are 1X SSC at 65° C.

REMARKS

The specification has been amended to make the specification
consistent with the entered amendments to the specification of the parent
application.

Claims 22 and 23 have been added to the present application and
claims 1-21 have been canceled. Claim 22 in the present application corresponds
to canceled claim 31 in the parent application; claim 23 corresponds to canceled